

FIG. 1

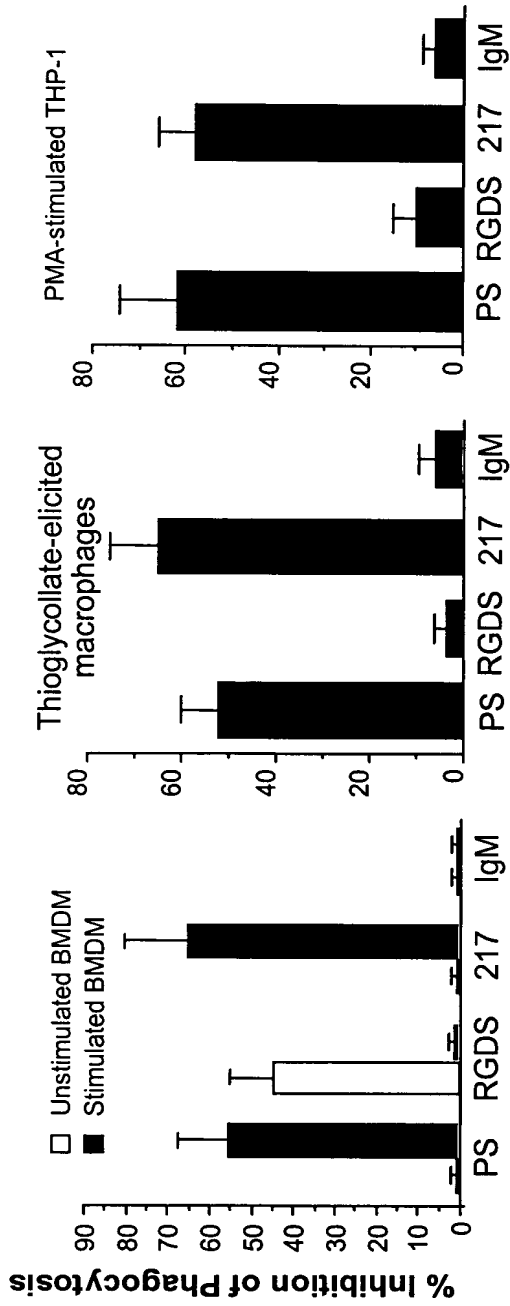


FIG. 2A

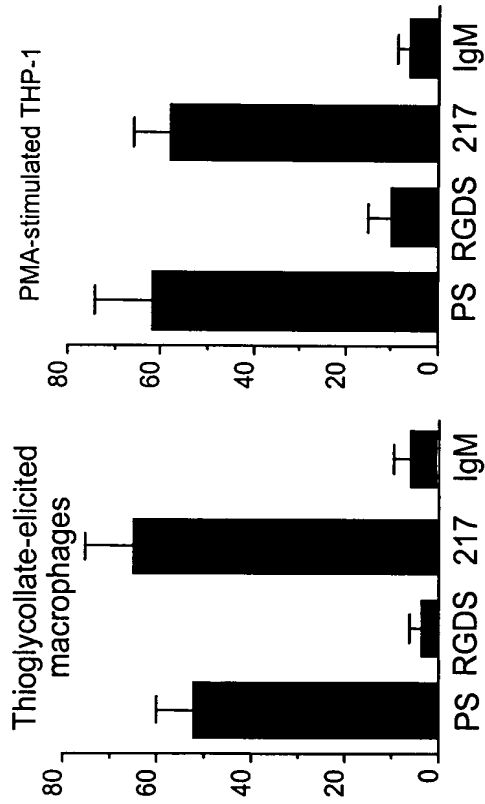


FIG. 2B

FIG. 2C

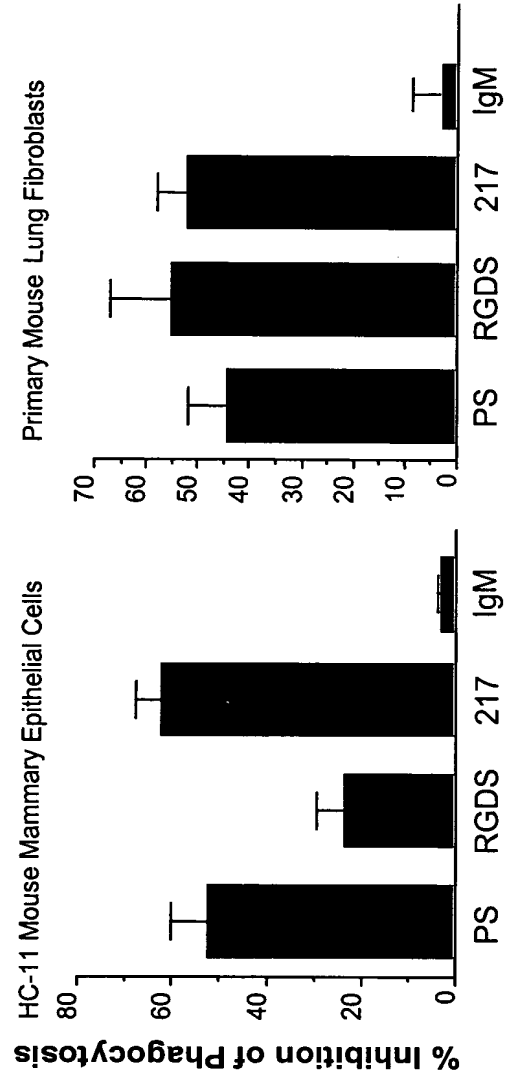


FIG. 2D

FIG. 2E

FIG. 3

Mouse PSR		10	20	30	40	50
C. elegans F29B9.4	MSLGRDRY	MNHKSKKRIRKAKRS	ARPKLK	DSLDWTRHN	YVESYP	LNPAAY
Drosophila	MSEEFK	LPKRSRKRIRKAKRS	ARPELR	KFGWETLGS	ESFNL	PPF
Human PSR KIAA 0585		MNHKSKKRIRKAKRS	ARPELR	DSLDWTRHN	YVESF	LSPAAY
Consensus		..S.KR.RKAKR	ARPEL	W	YESF	L
Mouse PSR		60	70	80	90	100
C. elegans F29B9.4	SDNVERA	DALQLSVK	EEVVERIYER	EPYKPVVL	LNAQ	EGWSAQEKWTLERLKR
Drosophila	RDSIQRV	DGNNTVE	EEFRDF	FERPRIPVI	ITGLT	DNWAKDKWTVERRK
Human PSR KIAA 0585	ADNVERA	DALQLSVK	EEVVERIYER	EPYKPVVL	LNAQ	EGWSAQEKWTLERLKR
Consensus	..DN..R D	..L.V	EE.FE.R	ERPYPVV	..W.A	EKWTLERLK
Mouse PSR		110	120	130	140	150
C. elegans F29B9.4	KYRNQKFK	CGEDND	GYSV	KMKMKYYI	EYME	STRDDSP
Drosophila	KYRNQKFK	CGEDND	GYSV	KMKMKYYI	EYME	STRDDSP
Human PSR KIAA 0585	KYRNQKFK	CGEDND	GYSV	KMKMKYYI	EYME	STRDDSP
Consensus	KYRNQKFK	CGEDN	GYSV	KMKMKYY	EYM	STRDDSP
Mouse PSR		160	170	180	190	200
C. elegans F29B9.4	RRKLLEDY	KVPKFF	DDLFQYAGE	KRRPPYRWF	VMGFP	RS
Drosophila	RRKLLEDY	KVPKFF	DDLFQYAGE	KRRPPYRWF	VMGFP	RS
Human PSR KIAA 0585	RRKLLEDY	KVPKFF	DDLFQYAGE	KRRPPYRWF	VMGFP	RS
Consensus	RRKLLEDY	VPKFF	DDLFQYAGE	KRRPPYRWF	VMGFP	RS
Mouse PSR		210	220	230	240	250
C. elegans F29B9.4	TSAWN	LVQGHKRWCL	FPT	TPREL	KVTR	EEG
Drosophila	TSAWN	LVQGHKRWCL	FPT	TPREL	KVTR	EEG
Human PSR KIAA 0585	TSAWN	LVQGHKRWCL	FPT	TPREL	KVTR	EEG
Consensus	TSAWN	LVQGHKRWCL	FPT	TPREL	KVTR	EEG
Mouse PSR		260	270	280	290	300
C. elegans F29B9.4	TQLP	WP	EFKLE	ELQ	KPGET	VFPVPGGW
Drosophila	TQLP	WP	EFKLE	ELQ	KPGET	VFPVPGGW
Human PSR KIAA 0585	TQLP	WP	EFKLE	ELQ	KPGET	VFPVPGGW
Consensus	TQLP	WP	E..P.E.LQ	PGETV	FVPPGGW	HVVVN.D
Mouse PSR		310	320	330	340	350
C. elegans F29B9.4	NFP	VVWHK	TVRGR	PKLS	RKWY	RILKQEH
Drosophila	NFP	VVWHK	TVRGR	PKLS	RKWY	RILKQEH
Human PSR KIAA 0585	NFP	VVWHK	TVRGR	PKLS	RKWY	RILKQEH
Consensus	NFP	VVWHK	TVRGR	PKLS	RKWY	RILKQEH
Mouse PSR		360	370	380	390	400
C. elegans F29B9.4	SSG	SSSSSSSS	SSD	SECES	GS	EGD
Drosophila	SSG	SSSSSSSS	SSD	SECES	GS	EGD
Human PSR KIAA 0585	SSG	SSSSSSSS	SSD	SECES	GS	EGD
Consensus	SS	SSSSSSSSSS	SD	SEC	G	G
Mouse PSR		410	420	430	440	450
C. elegans F29B9.4	TS	QDDCVSK	ERSSSR			
Drosophila	TS	QDDCVSK	ERSSSR			
Human PSR KIAA 0585	TS	QDDCVSK	ERSSSR			
Consensus	TS	QDDCVSK	ERSSSR			

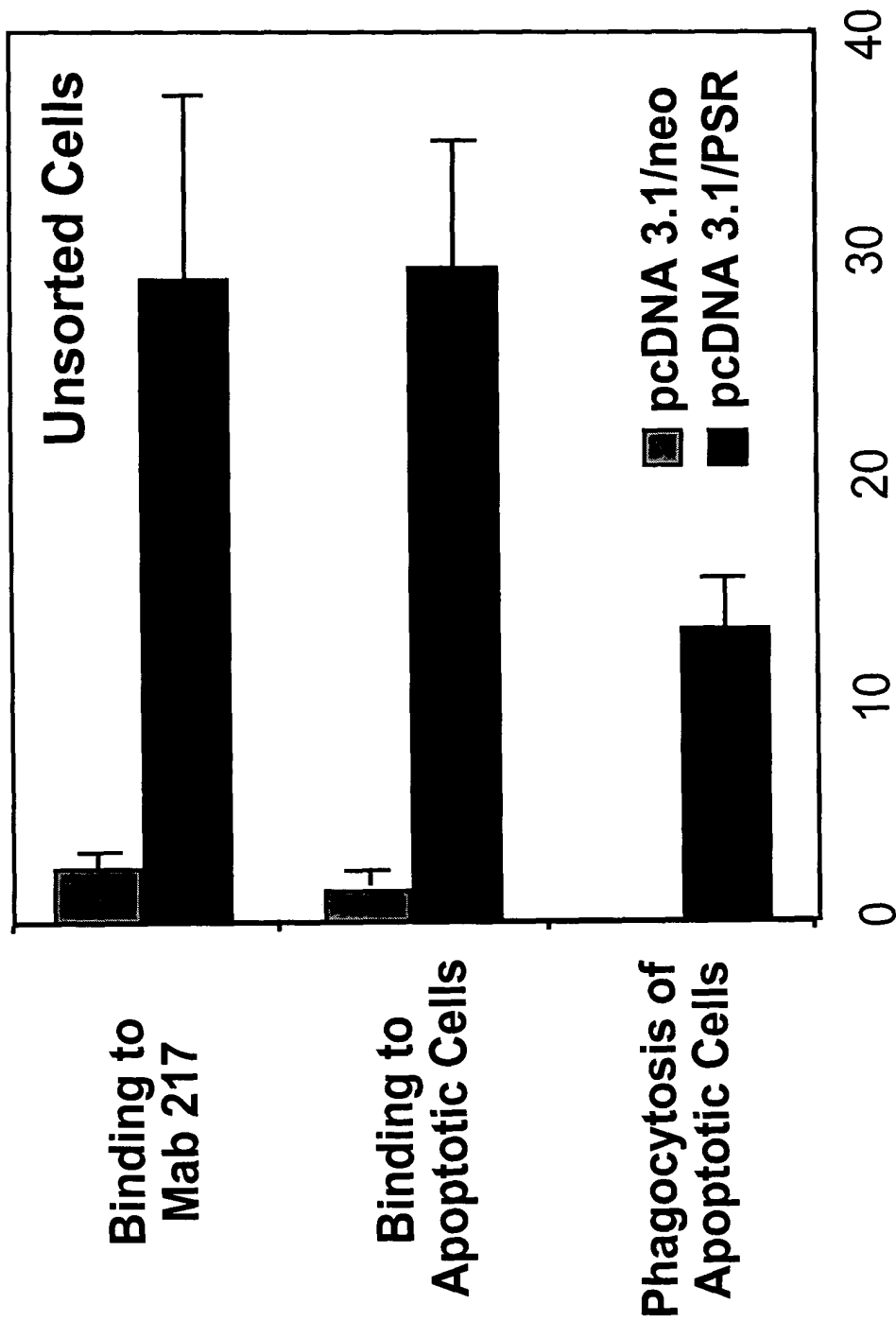


FIG. 4A

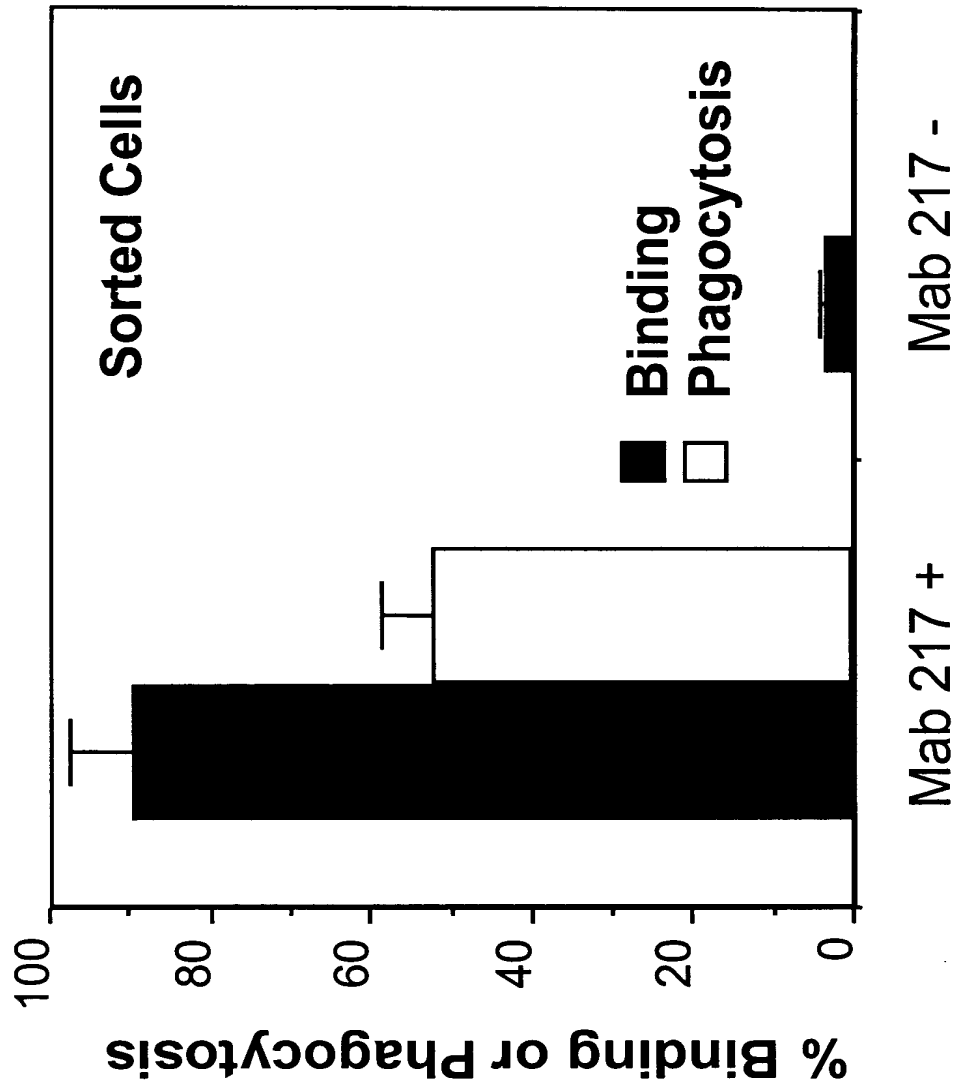
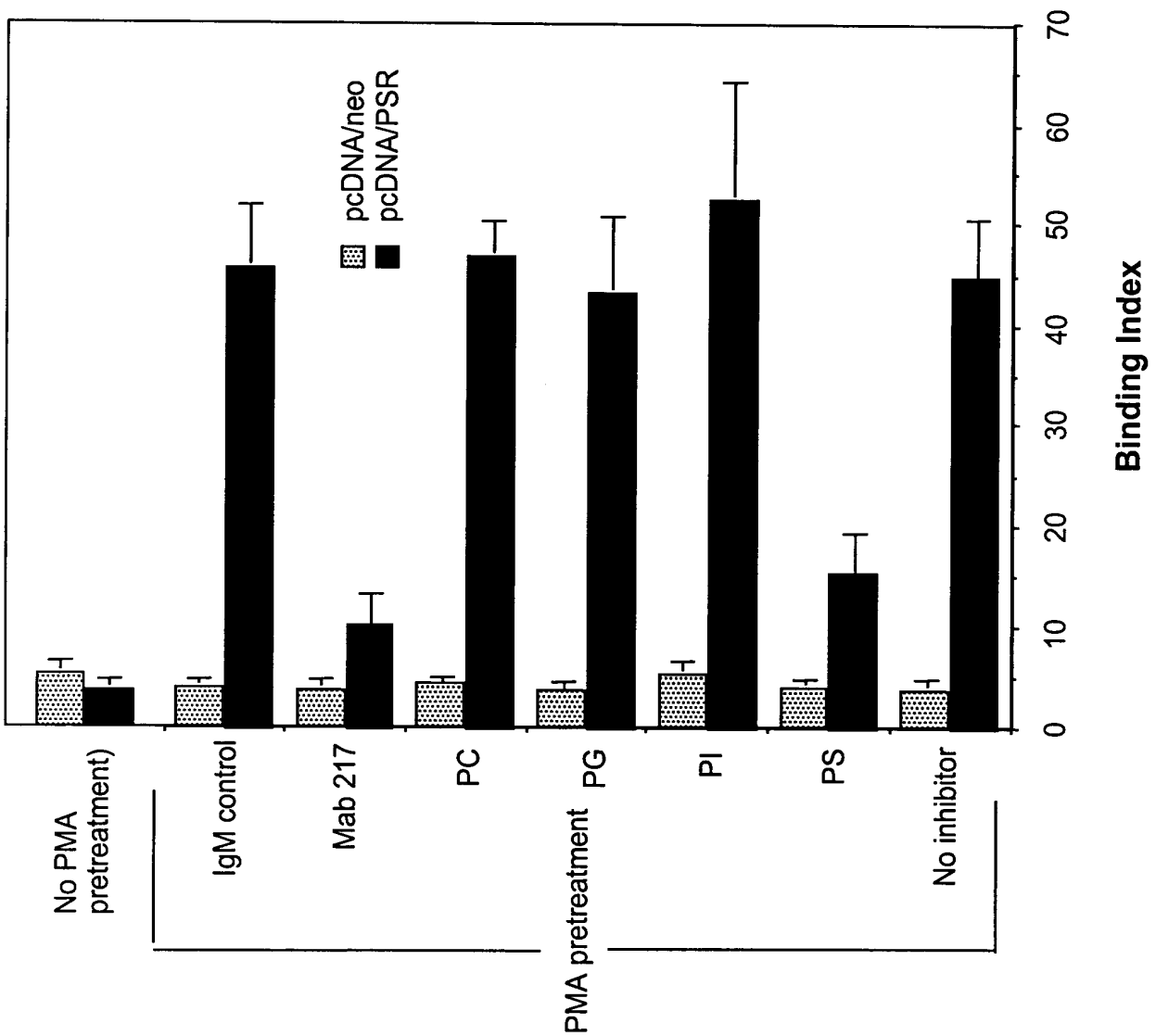


FIG. 4B

FIG. 4C



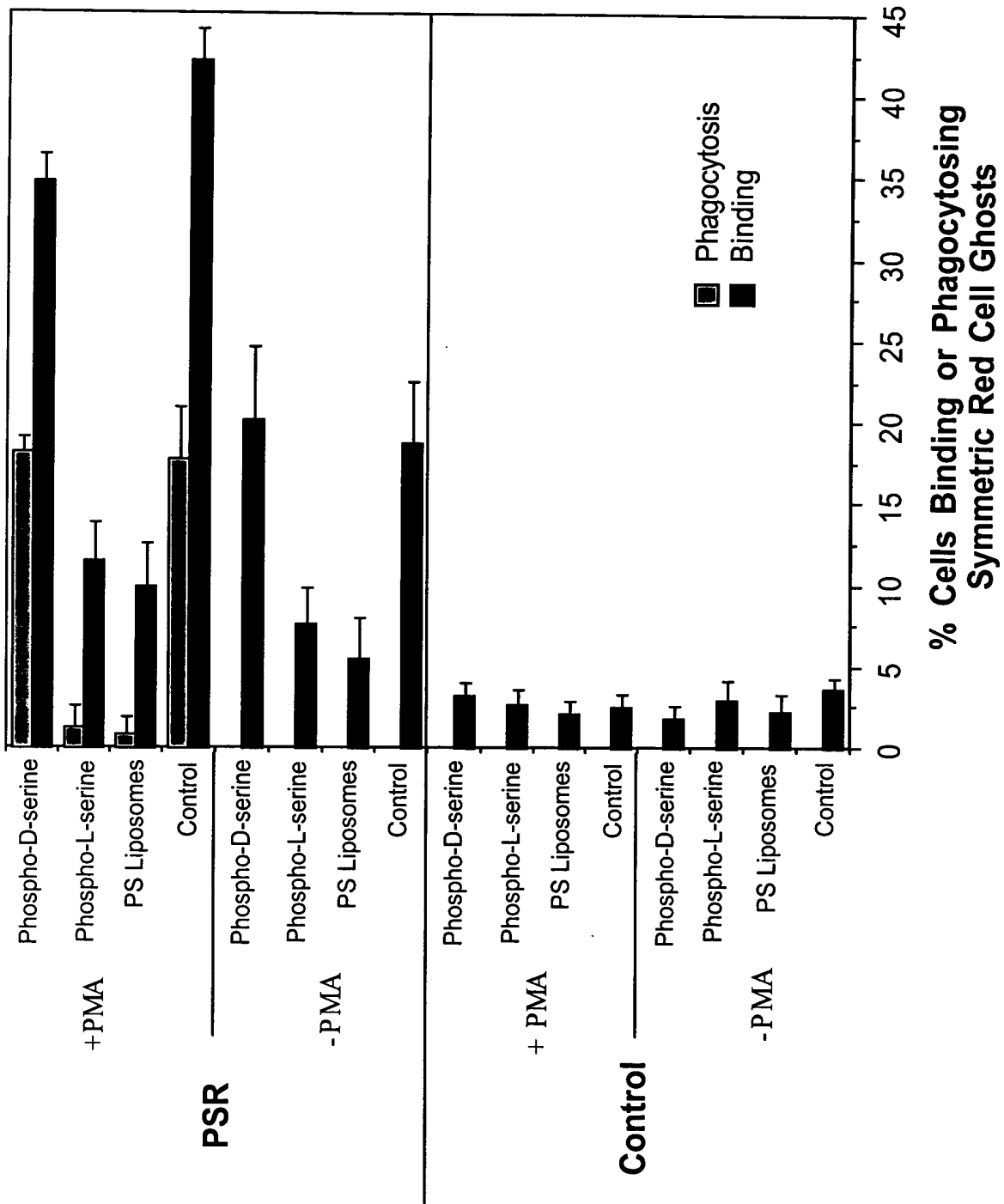


FIG. 5

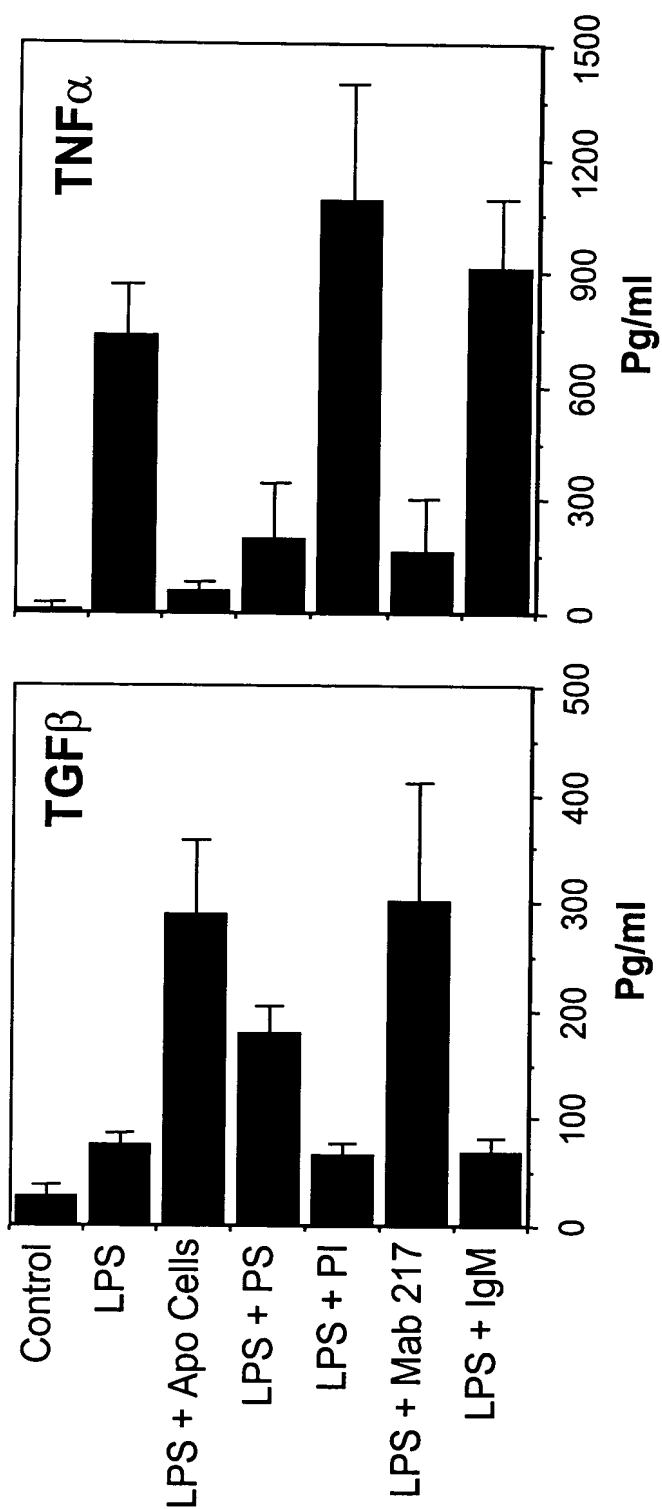


FIG. 6B

FIG. 6A

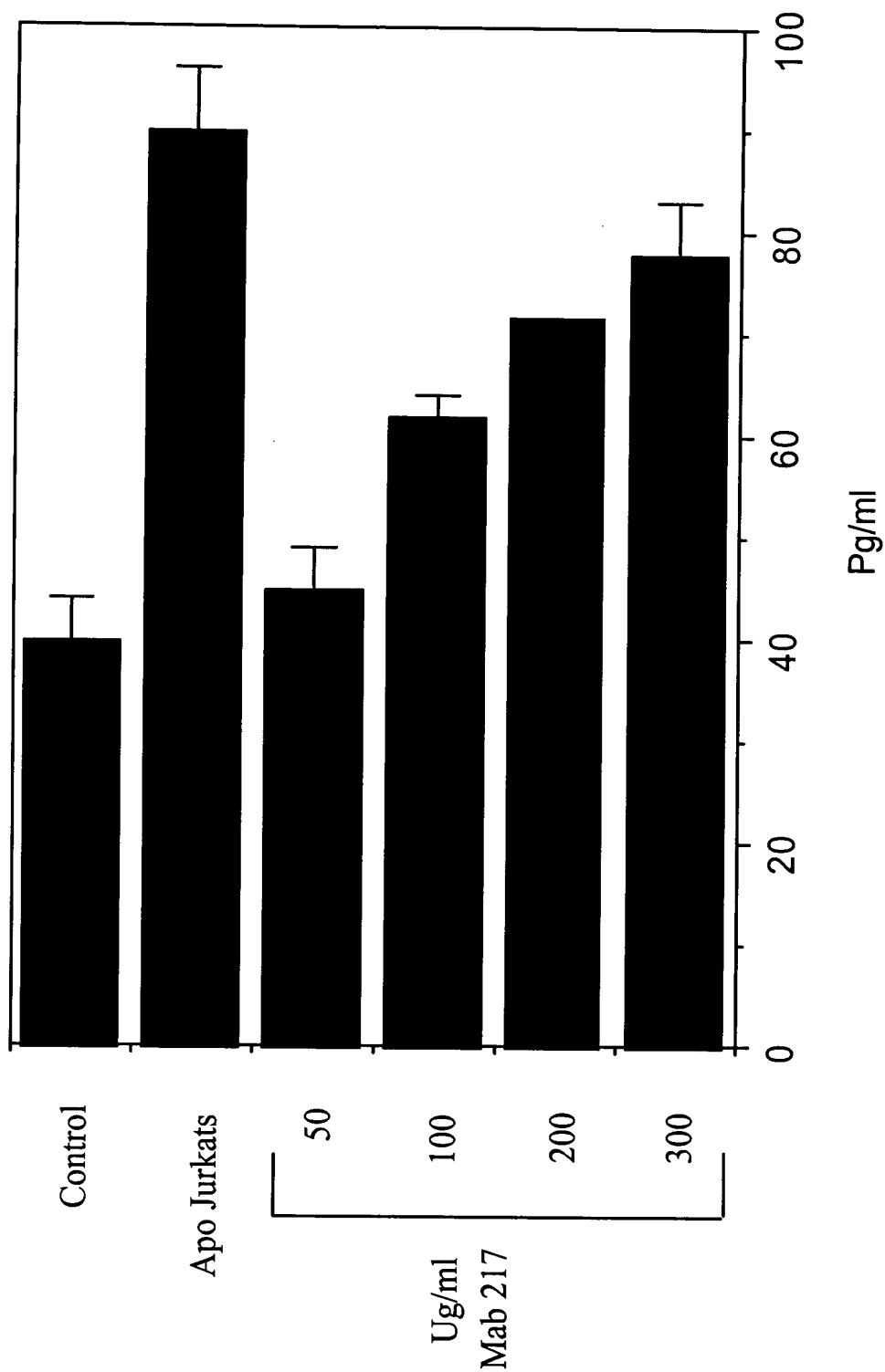


FIG. 7

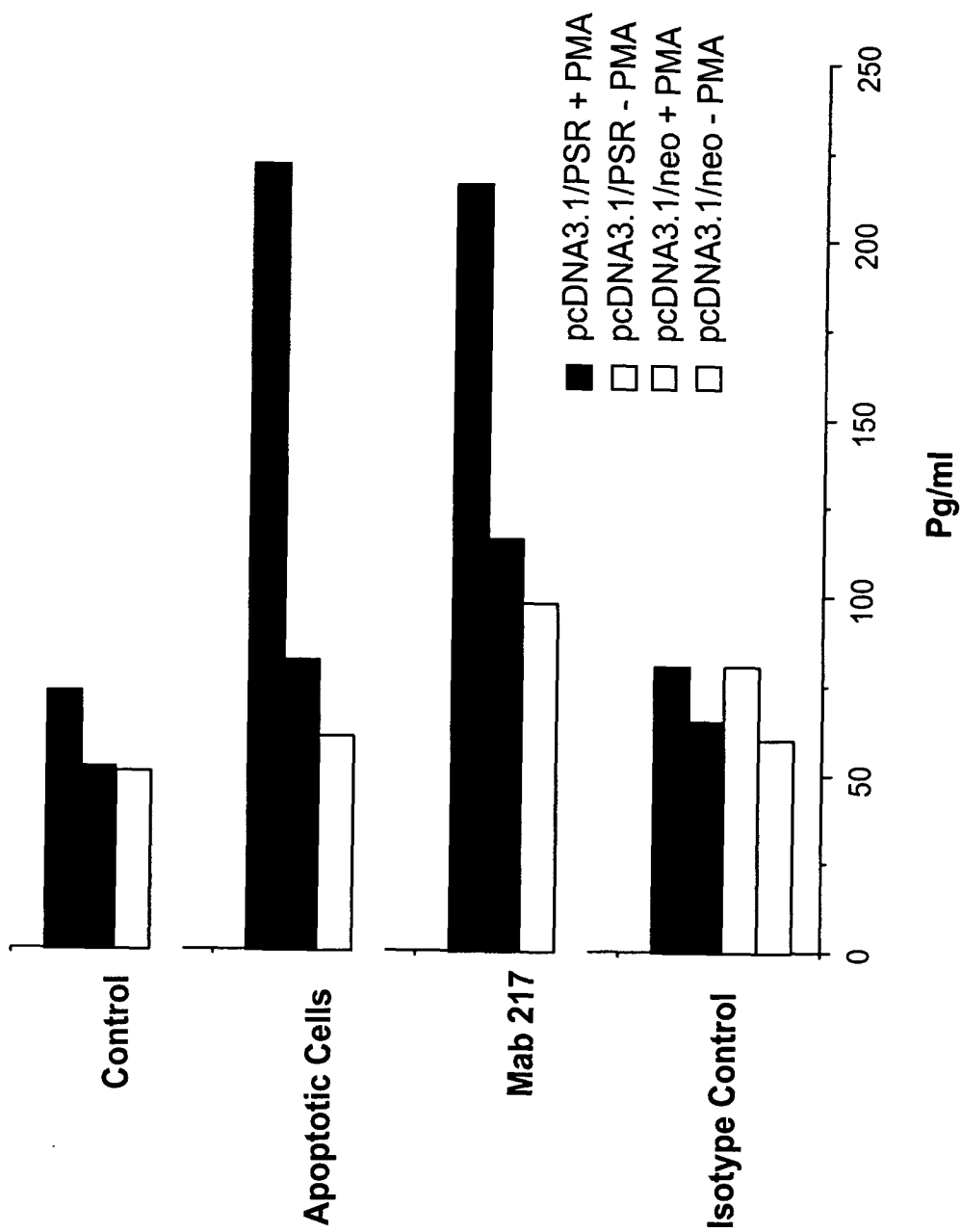


FIG. 8

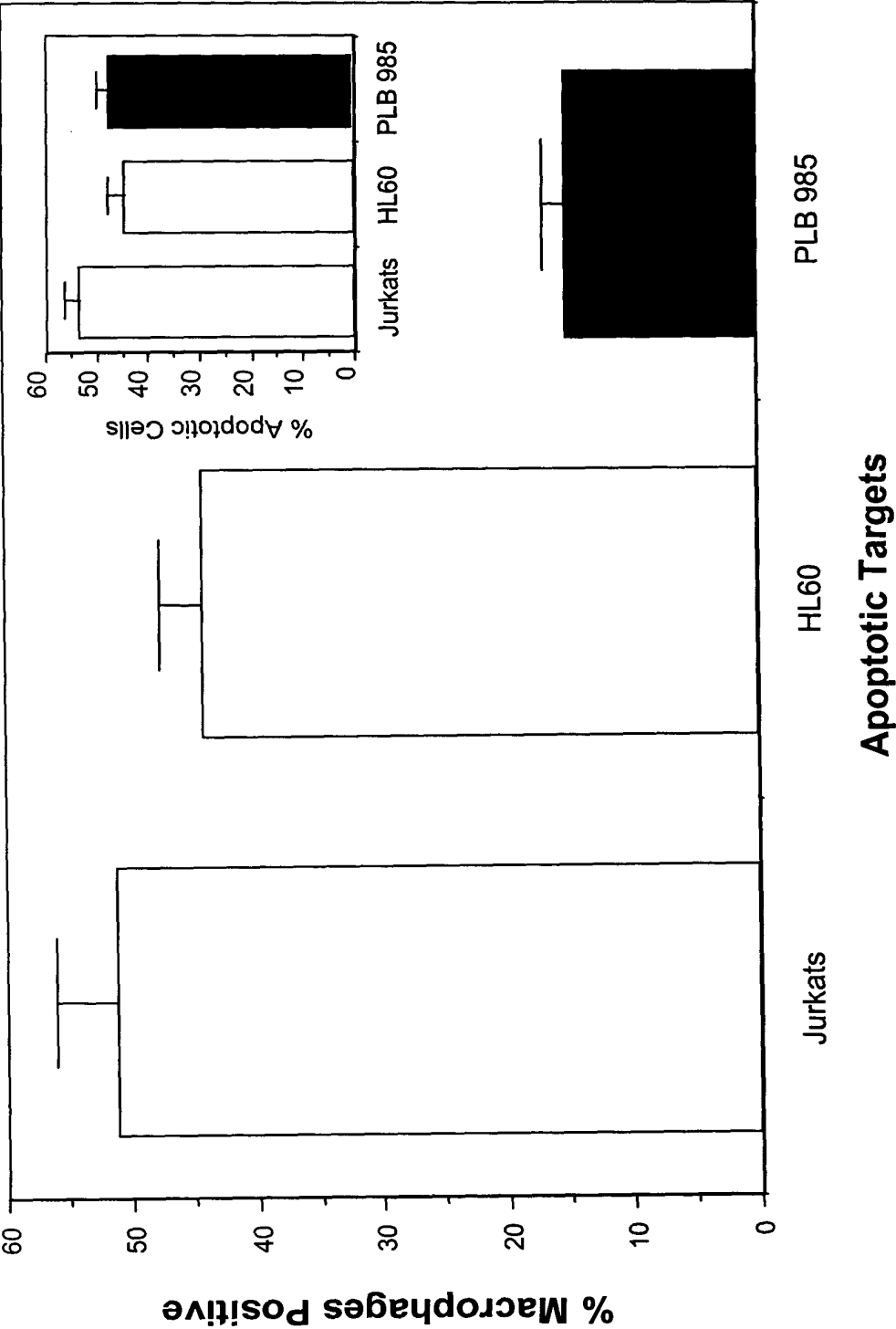


FIG. 9A

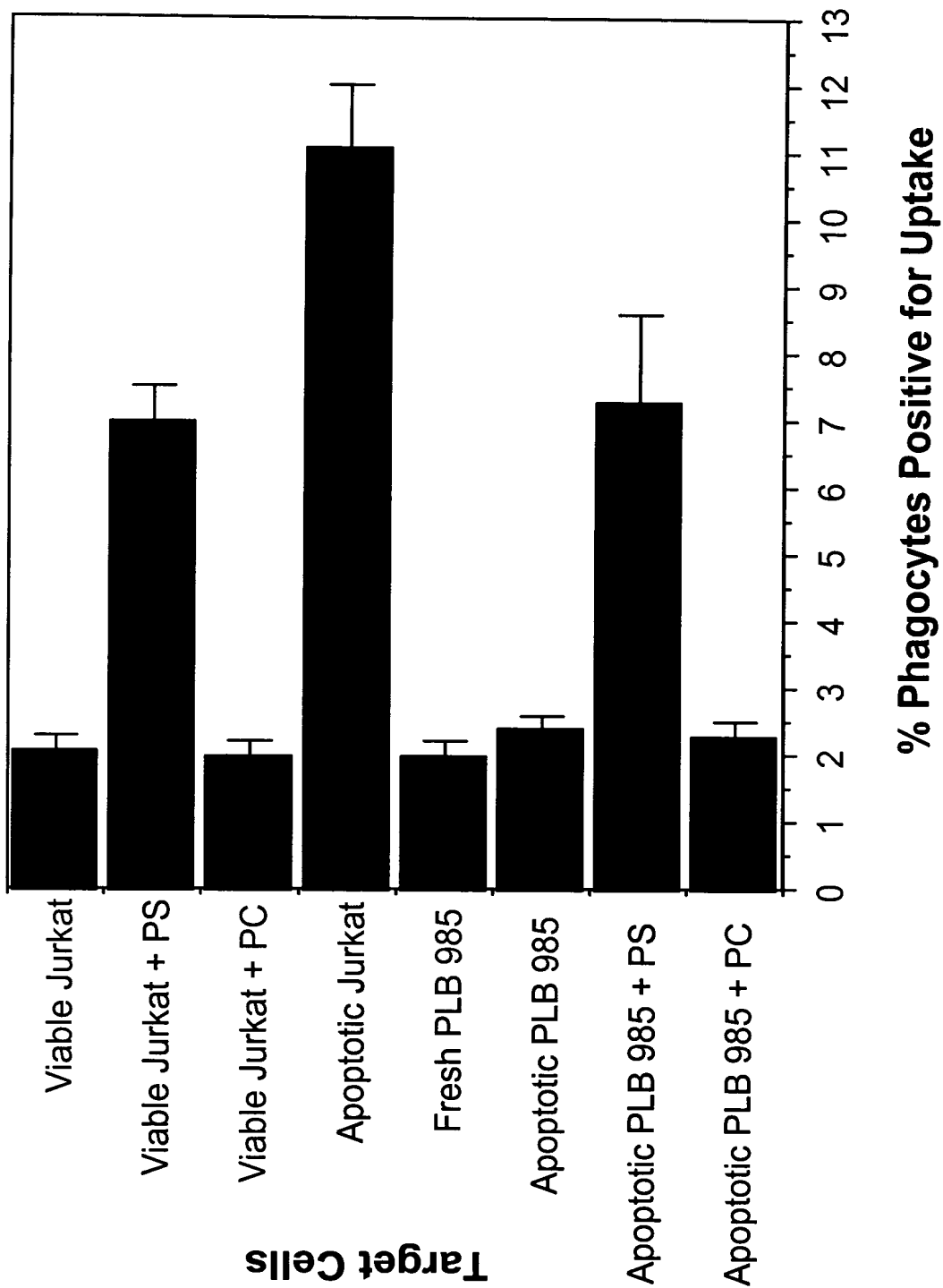


FIG. 9B

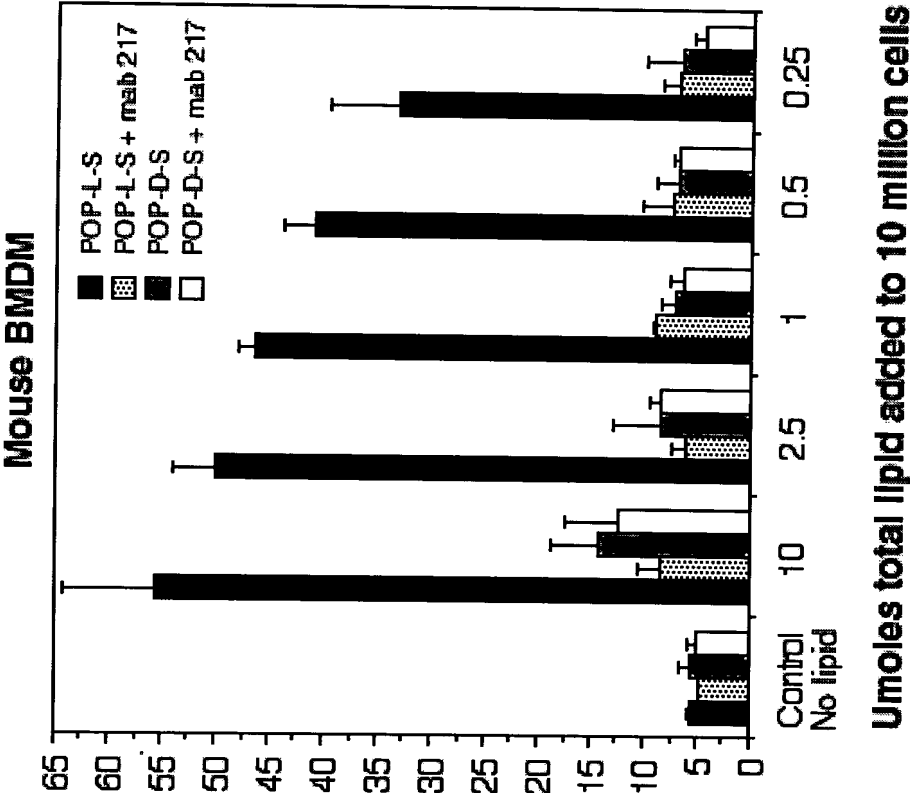


FIG. 9C

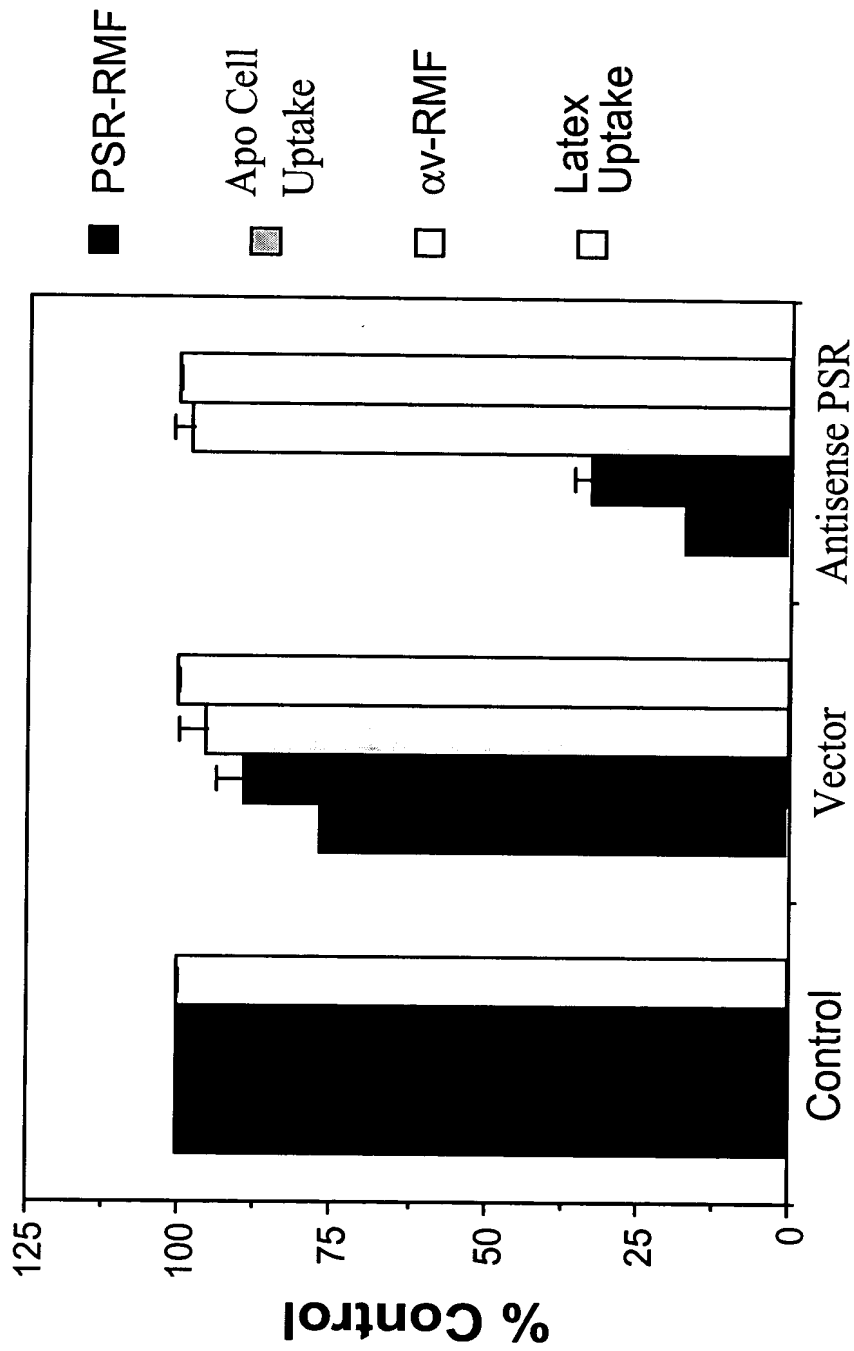


FIG. 10

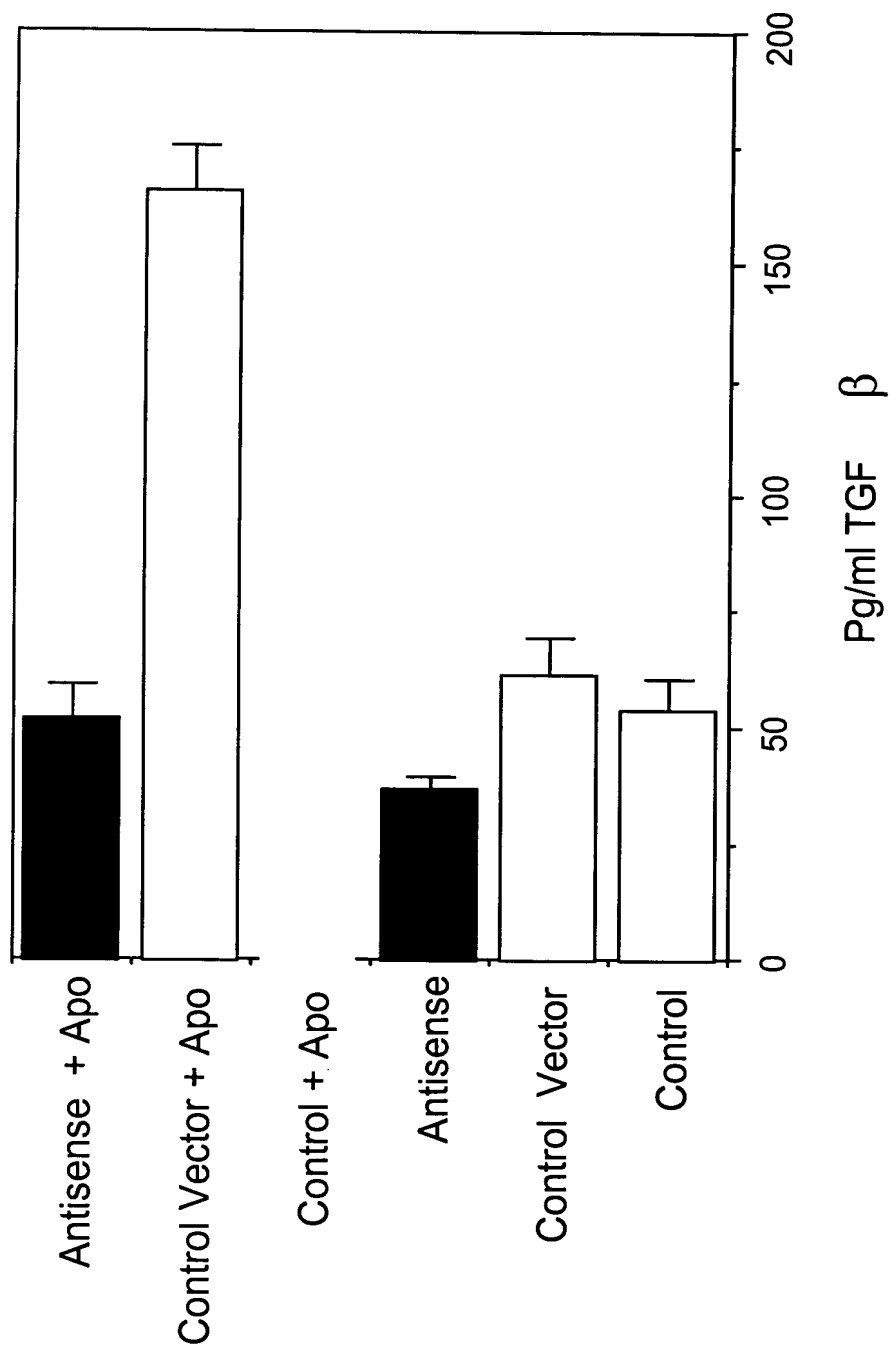


FIG. 11